



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/682,439	09/04/2001	Richard Fraser	46385.5	9478

22828 7590 08/15/2003  
EDWARD YOO C/O BENNETT JONES  
1000 ATCO CENTRE  
10035 - 105 STREET  
EDMONTON, ALBERTA, AB T5J3T2  
CANADA

EXAMINER

FISCHER, ANDREW J

ART UNIT	PAPER NUMBER
----------	--------------

3627

DATE MAILED: 08/15/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Applicati n No.

09/682,439

Applicant(s)

FRASER ET AL.

Examiner

Andrew J. Fischer

Art Unit

3627

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☐ Responsive to communication(s) filed on 25 January 2002.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-6 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-6 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

**Priority under 35 U.S.C. §§ 119 and 120**

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

**Attachments**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 4 & 5.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

Art Unit: 3627

## **DETAILED ACTION**

### ***Claim Rejections - 35 USC § 112 2<sup>nd</sup> Paragraph***

1. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

2. Claims 1-6 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. The claims are replete with errors. Some examples follow.

- a. In claim 1, it is unclear if the “at least the following information” includes only the “file identifier” or other information. The lower case roman numeral “I” indicates that the subsequent list is not a sub-list but is instead alternatives of the “I”.

- b. Claim 2 is also indefinite because it is unclear if the limitations following “at least the following information” includes “receiving the complete order” or not.

- c. Claim 4 recites the limitation “the individual” in line 1. There is insufficient antecedent basis for this limitation in the claim. Because claim 3 recites “an individual contact” and not ‘an individual,’ the scope of the claim is unclear.

### ***Claim Rejections - 35 USC § 102***

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

Art Unit: 3627

(a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for a patent.

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States. . . .

(e) the invention was described in-

(1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effect under this subsection of a national application published under section 122(b) only if the international application designating the United States was published under Article 21(2)(a) of such treaty in the English language; or

(2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that a patent shall not be deemed filed in the United States for the purposes of this subsection based on the filing of an international application filed under the treaty defined in section 351(a).

4. Claims 1-6, as understood by the Examiner, are rejected under 35 U.S.C. 102(b) as being anticipated by Whitmyer, Jr. (U.S. 6,049,801)("Whitmyer"). Whitmyer discloses providing a computer (20 and 20') controlled by an organization (the law firm or professional organization) which may communicate with a service provider computer (a lawyer or other professional's computer 12) over a network (the Internet); prompting the service provider to complete a service order (prompting the lawyer to take a client action) comprising a file identifier (mater identification number 34); a description of the services (inherent in 36); estimated costs (again inherent in 36); receiving the order for approval or disapproval and notifying the service provider (the firm) of the approval of disapproval (inherent in generating the action as found in column 5, ~ lines 13-23); the service order is stored in the database 14); the service order comprises a desired result (inherent).

5. Claims 1-6, as understood by the Examiner, are rejected under 35 U.S.C. 102(e) as being clearly anticipated by Metlzer et. al. (U.S. 6,366,925 B1)("Metlzer").

Art Unit: 3627

6. After careful review of the specification, the Examiner is unaware of any desire—either expressly or implicitly—by Applicants to be their own lexicographer and to define a claim term to have a meaning other than its ordinary and accustom meaning. Therefore, the Examiner starts with the heavy presumption that all claim limitations are given their ordinary and accustom meaning. See *Bell Atlantic Network Services Inc. v. Covad Communications Group Inc.*, 262 F.3d 1258, 1268, 59 USPQ2d 1865, 1870 (Fed. Cir. 2001) (“[T]here is a heavy presumption in favor of the ordinary meaning of claim language as understood by one of ordinary skill in the art.”); *CCS Fitness Inc. v. Brunswick Corp.*, 288 F.3d 1359, 1366, 62 USPQ2d 1658, 1662 (Fed. Cir. 2002) (There is a “heavy presumption that a claim term carries its ordinary and customary meaning.”). See also MPEP §2111.01 and *In re Zletz*, 893 F.2d 319, 321, 13 USPQ2d 1320, 1322 (Fed. Cir. 1989).<sup>1</sup>

In accordance with the ordinary and accustom meaning presumption, during examination the claims are interpreted with their “broadest reasonable interpretation . . .” *In re Morris*, 127 F.3d 1048, 1054, 44 USPQ2d 1023, 1027 (Fed. Cir. 1997).<sup>2</sup>

However, if Applicants disagree with the Examiner and have either (a) already used lexicography or (b) wish to use lexicography and therefore (under either (a) or (b)) desire a claim

---

<sup>1</sup> It is the Examiner’s position that “plain meaning” and “ordinary and accustom meaning” are synonymous. See e.g. *Rexnord Corp. v. Laitram Corp.*, 274 F.3d 1336, 1342, 60 USPQ2d 1851, 1854 (Fed. Cir. 2001) (“[A]ll terms in a patent claim are to be given their plain, ordinary and accustomed meaning . . .”).

<sup>2</sup> See also MPEP §2111.

Art Unit: 3627

limitation to have a meaning other than its ordinary and accustomed meaning, the Examiner respectfully requests Applicants in their next response to expressly indicate<sup>3</sup> the claim limitation at issue and to show where in the specification or prosecution history the limitation is defined. Such definitions must be clearly stated in the specification or file history. *Bell Atlantic*, 262 F.3d at 1268, 59 USPQ2d at 1870, (“[I]n redefining the meaning of particular claim terms away from the ordinary meaning, the intrinsic evidence must ‘clearly set forth’ or ‘clearly redefine’ a claim term so as to put one reasonably skilled in the art on notice that the patentee intended to so redefine the claim term”).<sup>4</sup> The Examiner cautions that no new matter is allowed.

Failure by Applicants in their next response to properly traverse this issue in accordance with 37 C.F.R. §1.111(b) or to be non-responsive to this issue entirely will be considered a desire

---

<sup>3</sup> “Absent an *express intent* to impart a novel meaning, terms in a claim are to be given their ordinary and accustomed meaning. [Emphasis added.]” *Wenger Manufacturing Inc. v. Coating Mach. Sys., Inc.*, 239 F.3d 1225, 1232, 57 USPQ2d 1679, 1684 (Fed. Cir. 2001) (citations and quotations omitted). “In the absence of an *express intent* to impart a novel meaning to claim terms, an inventor’s claim terms take on their ordinary meaning. We indulge a heavy presumption that a claim term carries its ordinary and customary meaning. [Emphasis added.]” *Teleflex Inc. v. Ficosa North America Corp.*, 299 F.3d 1313, 1325, 63 USPQ2d 1374, 1380 (Fed. Cir. 2002) (citations and quotations omitted).

<sup>4</sup> See also *Vitronics Corp. v. Conceptronic, Inc.*, 90 F.3d 1576, 1582, 39 USPQ2d 1573, 1576 (Fed. Cir. 1996), (“[A] patentee may choose to be his own lexicographer and use terms in a manner other than their ordinary meaning, *as long as* the special definition of the term is *clearly stated* in the patent specification or file history. [Emphasis added.]”); *Multiform Desiccants Inc. v. Medzam Ltd.*, 133 F.3d 1473, 1477, 45 USPQ2d 1429, 1432 (Fed. Cir. 1998) (“Such special meaning, however, must be sufficiently clear in the specification that any departure from common usage would be so understood by a person of experience in the field of the invention.”). See also MPEP §2111.01, subsection titled “Applicant May Be Own Lexicographer” and MPEP §2173.05(a) titled “New Terminology.”

Art Unit: 3627

by Applicants to forgo lexicography in this application and to continue having the claims interpreted with their ordinary and accustomed meaning and with their broadest reasonable interpretation.<sup>5</sup> Additionally, it is the Examiner's position that above requirements are reasonable.<sup>6</sup> Unless expressly noted otherwise by the Examiner, the preceding discussion on claim interpretation principles applies to all examined claims currently pending.

7. To the extent that the Examiner's interpretations are either different from or in dispute with Applicants' interpretations, the Examiner hereby adopts the following definitions—under the broadest reasonable interpretation standard—in all his claim interpretations. Moreover, the following list is provided in accordance with *In re Morris* and is not exhaustive in any way.

a. **Server:** “2. On the Internet or other network, a computer or program that responds to commands from a client.” Computer Dictionary, 3rd Edition, Microsoft Press, Redmond, WA, 1997.<sup>7</sup> **Client:** “3. On a local area network or Internet, a computer that accesses

---

<sup>5</sup> See 37 C.F.R. §1.104(c)(3) which states in part: “the examiner may rely upon admissions by applicant . . . as to *any matter* affecting patentability . . . . [Emphasis added.]”

<sup>6</sup> The Examiner's requirements on this matter are reasonable on at least two separate and independent grounds. First, the Examiner's requirements are simply an express request for clarification of how Applicants intend their claims to be interpreted so that lexicography (or even an *attempt* at lexicography) by Applicants is not inadvertently overlooked by the Examiner. Second, the requirements are reasonable in view of the USPTO's goals of compact prosecution, productivity with particular emphasis on reductions in both pendency and cycle time, and other goals as outlined in the USPTO's The 21<sup>st</sup> Century Strategic Plan, February 3, 2003 available at [www.uspto.gov/web/offices/com/strat21/index.htm](http://www.uspto.gov/web/offices/com/strat21/index.htm) (last accessed August 10, 2003).

<sup>7</sup> Based upon the Applicants' disclosure, the art now of record, and the knowledge of one of ordinary skill in this art, the Examiner's finds that the *Microsoft Press Computer Dictionary* is an appropriate technical dictionary known to be used by one of ordinary skill in this art. See e.g.

Art Unit: 3627

shared network resources provided by another computer (called a *server*).” *Id.* **Computer**: “Any machine that does three things: accepts structured input, processes it according to prescribed rules, and produces the results as output.” *Id.*

b. **Relational Database** “A database or database management system that stores information in tables—rows and columns of data—and conducts searches by using data in specified columns of one table to find additional data in another table. In a relational database, the rows of a table represent records (collections of information about separate items) and the columns represent fields (particular attributes of a record). In conducting searches, a relational database matches information from a field in one table with information in a corresponding field of another table to produce a third table that combines requested data from both tables. . . . Microcomputer database products typically are relational database. *Compare* flat-file database, inverted-list database.” *Id.*

c. **Relational Model** “A data model in which the data is organized in relations (tables). This is the model implemented in most modern database management systems.” *Id.*

d. **Data** “Plural of the Latin *datum*, meaning an item of information. In practice, data is often used for the singular as well as plural the form of the noun.”

e. **Network**: “A group of computers and associated network devices that are connected by communications facilities.”

---

*Altiris Inc. v. Symantec Corp.*, 318 F.3d 1363, 1373, 65 USPQ2d 1865, 1872 (Fed. Cir. 2003) where the Federal Circuit used *Microsoft Press Computer Dictionary* (3d ed.) as “a technical dictionary” used to define the term “flag.”



Art Unit: 3627

f. **Information “ 2 a . . . (3): FACTS, DATA . . . ”** Merriam-Webster’s Collegiate Dictionary, 10<sup>th</sup> Edition, Merriam-Webster Inc., Springfield, M.A., 1997.

8. Functional recitation(s) using the word “for” (e.g. “For procuring and managing professional services by an organization via a computer network” as recited in claim 1) have been considered but given less patentable weight<sup>8</sup> because they fail to add any steps and are thereby regarded as intended use language. A recitation of the intended use of the claimed invention must result in additional steps. See *Bristol-Myers Squibb Co. v. Ben Venue Laboratories, Inc.*, 246 F.3d 1368, 1375-76, 58 USPQ2d 1508, 1513 (Fed. Cir. 2001) (Where the language in a method claim states only a purpose and intended result, the expression does not result in a manipulative difference in the steps of the claim.).

9. It is the Examiner’s factual determination that all limitations in claims 1-6 have been considered and are either disclosed or inherent in the references as discussed above. Furthermore, the inherent features are established by a preponderance of the evidence. *In re Epstein*, 32 F.3d 1559, 1564, 31 USPQ2d 1817, 1820 (Fed. Cir. 1994) (“Preponderance of the evidence is the standard that must be met by the PTO in making rejections.” (citations and quotations omitted)). The preceding discussion in this paragraph regarding the standard for claim rejections applies to all examined claims currently pending.

---

<sup>8</sup> See e.g. *In re Gulack*, 703 F.2d 1381, 217 USPQ 401, 404 (Fed. Cir. 1983)(stating that although all limitations must be considered, not all limitations are entitled to patentable weight.).

Art Unit: 3627

10. Although Applicants use “means” in the claim(s) (e.g. claim 6 recites “means to compare”), it is the Examiner’s position that the “means” phrase(s) do not invoke 35 U.S.C. 112 6<sup>th</sup> paragraph. If Applicants concur, the Examiner respectfully requests Applicants to either amend the claim(s) to remove all instances of “means” from the claim(s), or to explicitly state on the record why 35 U.S.C. 112 6<sup>th</sup> paragraph should not be invoked.

Alternatively, if Applicants desire to invoke 35 U.S.C. 112 6<sup>th</sup> paragraph, the Examiner respectfully requests Applicants to expressly state their desire on the record and change the “means” phrase(s) to “means for” phrase(s). Upon receiving such express invocation of 35 U.S.C. 112 6<sup>th</sup> paragraph, the “means for” phrase(s) will be interpreted as set forth in the *Supplemental Examination Guidelines for Determining the Applicability of 35 USC 112 6<sup>th</sup>*.<sup>9</sup>

Failure by Applicants to address the 35 U.S.C. 112 6<sup>th</sup> paragraph issues in the manner set forth above or to be non-responsive to this issue entirely will be considered a desire by Applicants NOT to invoke 35 U.S.C. 112 6<sup>th</sup> paragraph. Unless expressly noted otherwise by the Examiner, the preceding discussion on 35 U.S.C. 112 6<sup>th</sup> paragraph applies to all examined claims currently pending.

### ***Conclusion***

11. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure includes the following: Petruzzi et. al. (U.S. 6,574,645 B2); Takano et. al. (U.S.

---

<sup>9</sup> Federal Register Vol 65, No 120, June 21, 2000.

Art Unit: 3627

6,434,580 B1); Lundberg (U.S. 6,363,361 B1); Herman et. al. (U.S. 6,341,353 B1); Sevcik et. al. (U.S. 6,330,542 B1); Whitmyer, Jr. (U.S. 6,182,078); Kraftson et. al. (U.S. 6,151,581); Maxwell (U.S. 6,098,070); Petruzzi et. al. (U.S. 6,049,811); Weiss et. al. (U.K. 2,349,715); Esfandiari et. al. (U.K. 2,343,583 A); Wamsley et. al. (U.S. 5,956,687); Fraser (U.S. 5,664,115); Abbruzzese et. al. (U.S. 5,557,515); and Iwai et. al. (U.S. 5,175,681).

12. Unless expressly noted otherwise by the Examiner, the following two (2) citations to the Manual of Patent Examining Procedure (“MPEP”) apply to this Office Action: MPEP citations to Chapters 200, 700, 1800, and 2100 are from the MPEP 8<sup>th</sup> Edition, Rev 1, February 2003. All remaining MPEP citations are from MPEP 8<sup>th</sup> Edition, August 2001.

13. In accordance with *In re Lee*, 277 F.3d 1338, 1344, 61 USPQ2d 1430, 1434-35 (Fed. Cir. 2002), the Examiner finds that the references How Computers Work Millennium Ed. by Ron White; How Networks Work, Millennium Ed. by Frank J. Derfler et. al.; and How the Internet Works, Millennium Ed. by Preston Gralla are additional evidence of what is basic knowledge or common sense to one of ordinary skill in this art. Each reference is cited in its entirety. Moreover, because the references are directed towards beginners (see “User Level: Beginning . . .”), the Examiner finds that the references are primarily directed towards those of *low* skill in this art. Because the references are directed towards those of low skill in this art, the Examiner finds that one of *ordinary* skill in this art must—at the very least—be aware of the knowledge and information contained within the references.

Art Unit: 3627

14. In accordance with the USPTO's goals of customer service, compact prosecution, and reduction of cycle time, the Examiner has made every effort to clarify his position regarding claim interpretation and any rejections or objections in this application. Furthermore, the Examiner has provided Applicants with notice—for due process purposes—of his position regarding his factual determinations and legal conclusions. If Applicants disagree with *any* factual determination or legal conclusion made by the Examiner in this Office Action whether expressly stated or implied,<sup>10</sup> the Examiner respectfully reminds Applicants to properly traverse the Examiner's position(s) in accordance with 37 C.F.R. §1.111(b) *in their next response*. By addressing these issues now, matters where the Examiner and Applicants agree can be eliminated allowing the Examiner and Applicants to focus on areas of disagreement (if any) with the goal towards allowance in the shortest possible time. If Applicants have any questions regarding the Examiner's positions or have other questions regarding this communication or even previous communications, Applicants are strongly encouraged to contact Examiner Andrew J. Fischer whose telephone number is (703) 305-0292.



Andrew J. Fischer  
Patent Examiner

AJF  
August 11, 2003

---

<sup>10</sup> E.g., if the Examiner rejected a claim under §103 with two references, although not directly stated, it is the Examiner's implied position that the references are analogous art.